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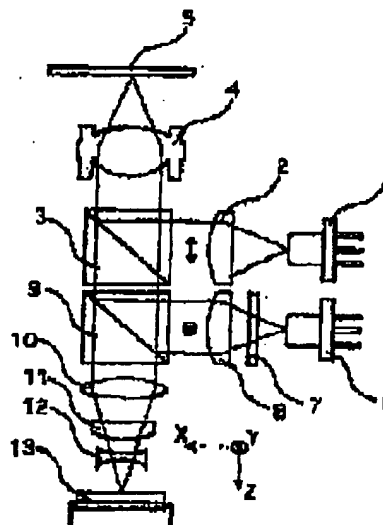
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(54) OPTICAL PICKUP DEVICE AND ITS ADJUSTING METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To miniaturize the device at a low cost by receiving two light beams outputted from two light sources by one photodetector.

SOLUTION: When a laser diode 1 is turned on, since its light beam is already set to be incident upon a polarizing beam splitter 3 as a P wave, about 50% of the light beam is reflected to form a spot on a recording surface of an optical recording medium 5. This light beam is reflected by the recording surface of the recording medium 5, and is incident upon the beam splitter 3 as the P wave. About 50% of this light beam is transmitted through the beam splitter 3 and is transmitted through a polarizing beam splitter 9 about 100%, and is then incident upon the photodetector 13, so that a focusing error signal FE and a tracking error signal TE are obtained. Then, when a laser diode 6 is turned on, its beam as an S wave is reflected by the recording surface of the optical recording medium 5, and is incident upon the photodetector 13 to obtain the focusing error signal FE and the tracing error signal TE accordingly.



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